

Table 6.5 – Electric Generator Cumulative Additions and Retirements(Gigawatts) ¹

	<u>2010</u>	<u>2020</u>	<u>2025</u>
Cumulative Planned Additions			
Coal Steam	1.8	1.8	1.8
Other Fossil Steam ²	0.0	0.0	0.0
Combined Cycle	28.3	28.3	28.3
Combustion Turbine/Diesel	3.9	3.9	3.9
Nuclear	0.0	0.0	0.0
Pumped Storage	0.0	0.0	0.0
Fuel Cells	0.0	0.0	0.0
Renewable Sources ³	2.7	2.9	3.0
Distributed Generation ⁴	0.0	0.0	0.0
Total Planned Additions	36.7	36.9	37.0
Cumulative Unplanned Additions			
Coal Steam	0.0	30.6	85.1
Other Fossil Steam ²	0.0	0.0	0.0
Combined Cycle	3.5	44.2	56.8
Combustion Turbine/Diesel	5.9	47.4	69.9
Nuclear	0.0	0.0	0.0
Pumped Storage	0.0	0.0	0.0
Fuel Cells	0.0	0.0	0.0
Renewable Sources ³	0.2	4.0	7.7
Distributed Generation ⁴	0.4	3.1	6.9
Total Unplanned Additions	9.9	129.1	226.4
Cumulative Retirements			
Coal Steam	2.4	3.0	3.0
Other Fossil Steam ²	9.3	28.6	29.2
Combined Cycle	0.1	0.4	0.4
Combustion Turbine/Diesel	1.9	8.1	9.9
Nuclear	0.0	0.0	0.0
Pumped Storage	0.0	0.0	0.0
Fuel Cells	0.0	0.0	0.0
Renewable Sources ³	0.1	0.1	0.1
Total Retirements	13.8	40.1	42.6

Sources: EIA, *Annual Energy Outlook 2005*, DOE/EIA-0383 (2005) (Washington, D.C., February 2005), Table A9.

Notes:

¹ Additions and retirements since December 31, 2001.

² Includes oil-, gas-, and dual-fired capability.

³ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, landfill gas, other biomass, solar, and wind power.

⁴ Primarily peak load capacity fueled by natural gas.